

WHAT IS CLAIMED IS:

1. A telephone terminal having a plurality of transmitter/receiver units, to each of which identifying information on Internet is assigned, and a base unit for inputting/outputting audio signals transmitted through Internet to relay the audio signals to the transmitter/receiver unit, wherein the base unit comprises:

an inquiry device that inquires the state of use to the transmitter/receiver unit, to which the identifying information is assigned, when the incoming call based on the identifying information is received through Internet;

a determination device that determines whether or not the voice call through the transmitter/receiver unit is available based on the state of use responded to the inquiry by the inquiry device; and

a call response device (i) that calls the transmitter/receiver unit to perform a voice call with a calling party through Internet, when the determination device determines that the voice call through the transmitter/receiver unit is available, (ii) that outputs the message to the calling party so as to notify that the voice call is unavailable, when the determination device determines the voice call is unavailable; and wherein

the transmitter/receiver unit comprises:

a notification device that notifies the state of use of the transmitter/receiver unit to the base unit when receiving the inquiry of the state of use from the base unit.

2. The telephone terminal as set forth in claim 1, wherein the transmitter/receiver unit notifies by the notification device that the voice call through the transmitter/receiver unit is in progress when the voice call is in progress through Internet, while notifies that the voice call through the transmitter/receiver unit is not in progress when the voice call is not in progress, when receiving the inquiry of the state of use from the base unit,

wherein the base unit determines by the determination device that the voice call through the transmitter/receiver unit is unavailable when the transmitter/receiver unit notifies that the voice call is in progress, while determines that the voice call is available when the transmitter/receiver notifies that the voice call is not in progress.

3. The telephone terminal as set forth in claim 1, wherein the transmitter/receiver unit includes a setting device that the transmitter/receiver unit can set the state capable or incapable of response to an incoming call according to a user's operation,

and notifies by the notification device that the transmitter/receiver unit is incapable of response if being set in the state incapable of response by the setting device, while notifies that the transmitter/receiver unit is capable of

response if being set in the state capable of response by the setting device when receiving the inquiry of the state of use from the base unit, and

wherein the base unit determines by the determination device that the voice call through the transmitter/receiver unit is unavailable if being notified that the transmitter/receiver unit is incapable of response, while determines that the voice call through the transmitter/receiver unit is available if being notified that the transmitter/receiver unit is capable of response.

4. The telephone terminals as set forth in claim 3, wherein the transmitter/receiver unit notifies when receiving the inquiry of the state of use from the base unit that the transmitter/receiver unit is capable of response if being set in the state incapable of response by the setting device, and outputs the message so as to notify that the transmitter/receiver unit is incapable of response, and

wherein if being determined to be incapable of response by the determination device, the base unit outputs the notification indicating that the transmitter/receiver unit is incapable of response and the message input by the transmitter/receiver as a message so as to notify that the voice call is unavailable to the calling party by the call response device.

5. The telephone terminal as set forth in claim 1, wherein

the base unit comprises a setting device for placing individually whether or not each of a plurality of the transmitter/receiver units is capable of response to an incoming call according to a user's operation, and

wherein the determination device determines when receiving the incoming call based on the identifying information through Internet that voice call is unavailable if the transmitter/receiver unit, to which the identifying information is assigned, is set to be incapable of response, while determines that voice call is available if the transmitter/receiver unit is set to be capable of response.

6. The telephone terminal as set forth in claim 1, wherein the base unit includes a voice recording device capable of recording audio signals, and a recording command device to make the voice recording device record audio signals input by the calling party after the call response device outputs the message to the calling party.

7. The telephone terminal as set forth in claim 1, wherein when not receiving a response to the inquiry by the inquiry device, the base unit determines by the determination device that the voice call through the transmitter/receiver is unavailable.

8. A telephone terminal having a plurality of transmitter/receiver units, to each of which identifying information on the Internet is assigned, and a base unit for

inputting/outputting audio signals transmitted through Internet to relay the audio signals to the transmitter/receiver unit, wherein the body part comprises:

an inquiry device that inquires the state of use to the transmitter/receiver unit, to which the identifying information is assigned, when the incoming call based on the identifying information is received through Internet;

a determination device that determines whether or not the voice call through the transmitter/receiver unit is available based on the state of use responded to the inquiry by the inquiry device; and

a call response device (i) that calls the transmitter/receiver unit to perform a voice call with a calling party through Internet, if the determination device determines that the voice call through the transmitter/receiver unit is available, (ii) that outputs the message to the calling party so as to notify that the voice call is unavailable, if the determination device determines the voice call is unavailable; and wherein

the transmitter/receiver unit comprises:

a notification device that notifies the state of use of the transmitter/receiver unit to the base unit when receiving the inquiry of the state of use from the base unit.

9. A terminal control program to make a computer system execute a variety of processes for controlling a telephone

terminal comprising a plurality of transmitter/receiver units, to each of which the identifying information on Internet is assigned, and a base unit for inputting/outputting audio signals transmitted through Internet to relay the audio signals to the transmitter/receiver unit, the terminal control program including:

a determination process to determine whether or not the voice call through the transmitter/receiver is available based on the state of use of the transmitter/receiver unit, to which the identifying information is assigned; and

a call response process (i) to call the transmitter/receiver unit to perform a voice call with a calling party through Internet when the determination process determines that the voice call through the transmitter/receiver unit is available, (ii) to output the message so as to notify that the voice call is unavailable to the calling party when the determination process determines that the voice call through the transmitter/receiver section is unavailable.

10. A terminal control program to make a computer system execute a variety of processes for controlling a telephone terminal comprising a plurality of transmitter/receiver units, to each of which the identifying information on Internet is assigned, and a base unit for inputting/outputting audio signals transmitted through Internet to relay the audio signals to the transmitter/receiver

unit, the terminal control program including:

a determination process to determine whether or not the voice call through the transmitter/receiver unit is available based on the state of use of the transmitter/receiver unit, to which the identifying information is assigned; and

a call response process (i) to call the transmitter/receiver unit to perform a voice call with a calling party through Internet when the determination process determines that the voice call through the transmitter/receiver unit is available, (ii) to output the message so as to notify that the voice call is unavailable to the calling party when the determination process determines that the voice call through the transmitter/receiver unit is unavailable.

11. A communication method using a telephone terminal having a plurality of transmitter/receiver units, to each of which identifying information on Internet is assigned, and a base unit for inputting/outputting audio signals transmitted through Internet to relay the audio signals to the transmitter/receiver unit, comprising the steps of:

inquiring the state of use to the transmitter/receiver unit, to which the identifying information is assigned, when the incoming call based on the identifying information is received through Internet;

determining whether or not the voice call through the transmitter/receiver unit is available based on the state of use

responded to the inquiry; and

(i) calling the transmitter/receiver unit to perform a voice call with a calling party through Internet, when the determination device determines that the voice call through the transmitter/receiver unit is available, (ii) outputting the message to the calling party so as to notify that the voice call is unavailable, when the determination device determines the voice call is unavailable.